

AMERICAN DEVELOPMENT CORP -- SODIUM HYDROXIDE BASE -- 6850-00-550-5565

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Product Identification  
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Product ID:SODIUM HYDROXIDE BASE

MSDS Date:08/10/1990

FSC:6850

NIIN:00-550-5565

MSDS Number: BJYYS

=== Responsible Party ===

Company Name:AMERICAN DEVELOPMENT CORP

Address:HIGHWAY 118 WEST,ROUTE 2

City:VANCEBORO

State:NC

ZIP:28586

Country:US

Info Phone Num:919-244-0782

Emergency Phone Num:800

-424-9300(CHEMTREC)

Preparer's Name:W.S. WETHERINGTON

CAGE:3J729

=== Contractor Identification ===

Company Name:AMERICAN DEVELOPMENT CORP

Address:1456 STATE CAMP ROAD

Box:385

City:VANCEBORO

State:NC

ZIP:28586

Country:US

Phone:919-244-0782

CAGE:3J729

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Composition/Information on Ingredients  
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Ingred Name:SODIUM HYDROXIDE (SARA III)

CAS:1310-73-2

RTECS #:WB4900000

Fraction by Wt: 54%

Other REC Limits:NONE SPECIFIED

OSHA PEL:2 MG/M3

ACGIH TLV:C 2 MG/M3; 9293

EPA Rpt Qty

:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:GLUCONIC ACID, SODIUM SALT  
CAS:527-07-1  
RTECS #:LZ5235000  
Fraction by Wt: 25.5%  
Other REC Limits:NONE SPECIFIED

Ingred Name:SALTS AND OTHER ADDITIVES  
Fraction by Wt: 21%  
Other REC Limits:NONE SPECIFIED

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:CORROSIVE SOLID/LIQUID WILL BURN  
EY

ES/SKIN/RESPIRATORY TRACT. CAN CAUSE BLINDNESS. CAUSES  
DESTRUCTIVE TISSUE DAMAGE AND SCARRING. MAY LEAD TO SKIN  
DERMATITIS. INGESTION OF LIQUID OR MIST WILL CAUSE SEVERE BURNING  
AND IRRITATION TO MUCOUS MEMBRANES, MOUTH, THROAT AND  
GASTROINTESTINAL TRACT. CAN CAUSE SEVERE PNEUMONITIS

Explanation of Carcinogenicity:THE COMPONENTS OF THIS PRODUCT HAVE NOT  
SHOWN ANY EVIDENCE OF BEING CARCINOGENIC.

Effects of Overexposure:OVEREXPOSURE MAY LEAD TO RESPIRATORY  
IRRITATION, NAU

SEA, FATIGUE, DIZZINESS, HEADACHES, UNCONSCIOUSNESS,  
DERMATITIS AND EYE IRRITATION. MATERIAL IS CORROSIVE AND WILL BURN  
EXPOSED TISSUE. INGESTION MAY RESULT IN ASTHMA-LIKE REACTIONS  
(WHEEZING, COUGHING AND SHORTNESS OF BREATH).

Medical Cond Aggravated by Exposure:PERSONS WITH A SKIN DISORDER, EYE  
DISORDERS, OR IMPAIRED RESPIRATORY FUNCTION SHOULD USE CAUTION WHEN  
HANDLING OR USING THIS PRODUCT.

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===== First Aid Measures =====

First Aid:S

KIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.  
GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE TO  
FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION.  
EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING  
EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: DRINK WATER/MILK TO  
DILUTE. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF  
UNCONSCIOUS.CALL DR.

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===== Fire Fighting Measures =====

Exti

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL AS APPROPRIATE FOR SURROUNDINGS.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL  
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE  
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

===== Accidental Release Measures =====

Spill Release Proc

cedures:CONTAIN SPILL AND VACUUM RECOVER TO A SEPTIC  
TANK TRUCK. DO NOT ALLOW RUNOFF TO A SEWER UNLESS MATERIAL IS  
DILUTED AND NEUTRALIZED WITH DILUTE ACID SOLUTION.

Neutralizing Agent:5% ACETIC ACID (VINEGAR)

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY, VENTILATED WORK  
AREA. KEEP CONTAINERS CLOSED WHEN NOT IN USE. PLACE STORAGE TANKS  
IN A DIKED CONTAINMENT AREA.

Other Precautions:SPILLAGE CAN BE SLIPPERY.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NOT NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED  
RESPIRATOR FOR HANDLING MIST IF PROLONGED CONTACT WITH MATERIAL.

Ventilation:ADEQUATE ROOM VENTILATION SUFFICIENT TO MEET TLV.

Protective Gloves:NEOPRENE OR RUBBER GLOVES

Eye Protection:NO CONTACTS. USE CHEMICAL SAFETY GOGGLES

Other Protective Equipment:EYE WASH. CHEMICAL APRON IS RECOMMENDED.

FULL RUBBER BOOTS RECOMMENDED. DO NOT WEAR THIN RUBBER  
COVERS OVER  
LEATHER SHOE

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.  
WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK  
AREA.

Supplemental Safety and Health

CORROSIVE LIQUID - AVOID CONTACT. CONTACT LENSES SHOULD NOT BE WORN  
WHEN DEALING WITH THIS PRODUCT. KEEP EYE WASH AND QUICK DRENCH  
SHOWER FACILITIES AVAILABLE WHEN WORKING WITHN THIS MATERIAL.

===== Physical/Chemical Properties =====

HCC:B1

Boiling Pt

:>100.C, 212.F

Vapor Pres:739

Spec Gravity:1.51

pH:>7

Solubility in Water:COMPLETE

Appearance and Odor:LIGHT BROWN DRY COMPOUND WITH PLEASANT ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, ALUMINUM, COPPER, BRASS AND ZINC

Stability Condition to Avoid:ACIDIC, FLAMMABLE MATERIAL, AND SOURCES OF HEAT

Hazardous Decomposition Products:LIBERATES FLAMMABLE HYDROGEN GAS ON CONTACT WITH ACTIVE METALS SUCH AS ZN,AL,SN.

===== Disposal Considerations =====

Waste Disposal Methods:WASTE DILUTED AND NEUTRALIZED LIQUID COULD BE FLUSHED TO A WASTE WATER TREATMENT SYSTEM VIA THE SEWER OR GIVEN TO A LICENSED DISPOSAL CONTRACTOR. CONFORM TO ALL APPLICABLE REGULATIONS. UNDILUTED MATERIAL IS A RCRA HAZARDOUS WASTE (CODE = D002).

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